



- Click "Back" to return to the NOAA Research "Ocean Currents" main page, or choose "Ocean Currents" from your Bookmarks or Favorites.
- Click "Application."

IV. Application

A. Ocean Currents' Effects

1. How do you think the temperature of an ocean current could affect weather on the coast?

2. How do currents affect sailing ships?

B. Ocean Currents and Marine Life

1. How could ocean currents affect microscopic marine life?





2. How could ocean currents affect large marine creatures such as whales?



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- Click "Enrichment."

V. Enrichment Activities

A. Research



1. Research "density currents." Relate density currents to "upwelling."
2. Find out how upwelling is related to El Nino.
3. Research the different types of sailing vessels used by traders in the 1500's through the 1900's. How did the materials used to build the vessels change? How did the navigation change?
4. Research "doldrums" and "horse latitudes." Why were these areas named this way?

B. Related Web Sites

1. Tropical Atmosphere Ocean Project
<http://www.pmel.noaa.gov/tao/index.shtml>
2. OSU Buoy Group
<http://kepler.oce.orst.edu/>
3. World Ocean Circulation Experiment Global Data Resource
<http://woce.nodc.noaa.gov/wdiu/>
4. TAO Mooring Information
http://www.pmel.noaa.gov/tao/proj_over/mooring.shtml
5. Ocean Surface Current Analyses - Realtime (OSCAR)
<http://www.oscar.noaa.gov/>